

Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

STOCK Ptp^{rc}_a Tcrb Tcra H2/J

RRID:IMSR_JAX:028062

Type: Organism

Proper Citation

RRID:IMSR_JAX:028062

Organism Information

URL: <https://www.jax.org/strain/028062>

Proper Citation: RRID:IMSR_JAX:028062

Description: Mus musculus with name STOCK Ptp^{rc}_a Tcrb Tcra H2/J from IMSR.

Species: Mus musculus

Synonyms: Jedi

Notes: gene symbol note: T cell receptor beta chain|protein tyrosine phosphatase receptor type C|histocompatibility-2; MHC|T cell receptor alpha chain; mutant stock: Tcrb|Ptp^{rc}_a|H2|Tcra

Affected Gene: T cell receptor beta chain|protein tyrosine phosphatase receptor type C|histocompatibility-2; MHC|T cell receptor alpha chain

Genomic Alteration: recombination line 1; Brian Brown|a variant|d variant

Catalog Number: JAX:028062

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: STOCK Ptp^{rc}_a Tcrb Tcra H2/J

Record Creation Time: 20250513T053803+0000

Record Last Update: 20260912T060542+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Ptprc^a Tcrb Tcra H2/J.

No alerts have been found for STOCK Ptprc^a Tcrb Tcra H2/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [Kravitz](#) .

Marks A, et al. (2026) mRNA vaccine immunity is enhanced by hepatocyte detargeting and not dependent on dendritic cell expression. Nature biotechnology.

Han Y, et al. (2025) Tumors hijack macrophages for iron supply to promote bone metastasis and anemia. Cell.

Han Y, et al. (2025) Niche Macrophages Recycle Iron to Tumor Cells and Foster Erythroblast Mimicry to Promote Bone Metastasis and Anemia. bioRxiv : the preprint server for biology.

Trinh VQ, et al. (2023) Hepatic stellate cells maintain liver homeostasis through paracrine neurotrophin-3 signaling that induces hepatocyte proliferation. Science signaling, 16(787), eadf6696.